

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080699.D
 Acq On : 12 Jan 2024 18:54
 Operator : JC\MD
 Sample : P1111-05
 Misc : 2.55g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

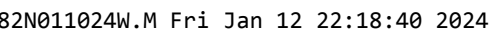
Quant Time: Jan 12 22:18:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

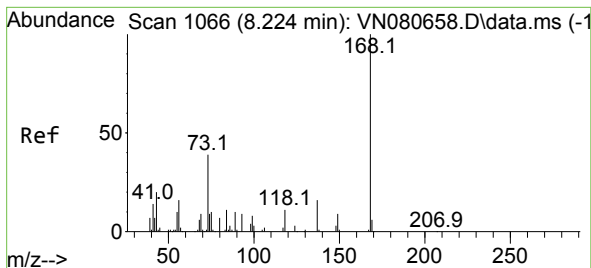
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	167118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	364010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116038	39.539	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.080%
35) Dibromofluoromethane	8.165	113	94920	44.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.700%
50) Toluene-d8	10.565	98	387518	47.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.847	95	154135	49.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2704	0.225	ug/l	98
5) Bromomethane	2.948	94	703	0.751	ug/l #	21
6) Chloroethane	3.095	64	256	Below Cal	#	43
11) Tert butyl alcohol	5.489	59	7119	14.343	ug/l #	75
13) Acrolein	4.148	56	250	0.603	ug/l #	25
16) Acetone	4.436	43	1050	1.090	ug/l #	82
18) Methyl Acetate	5.024	43	6637	2.313	ug/l #	83
20) Methylene Chloride	5.265	84	770	0.274	ug/l #	91
25) 2-Butanone	7.483	43	1524	0.875	ug/l #	73
29) Tetrahydrofuran	7.841	42	708	0.603	ug/l #	42
31) Cyclohexane	8.218	56	5948	1.312	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	18375	4.191	ug/l #	47
38) Carbon Tetrachloride	8.224	117	19895	5.054	ug/l #	14
76) 1,2,3-Trichloropropane	12.847	75	84833	17.909	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84833	42.219	ug/l #	15

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jan 12 22:18:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080699.D

Acq: 12 Jan 2024 18:54

Instrument :

MSVOA_N

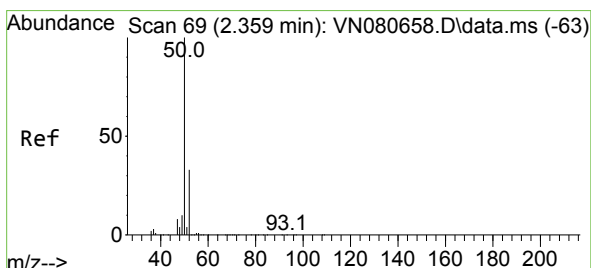
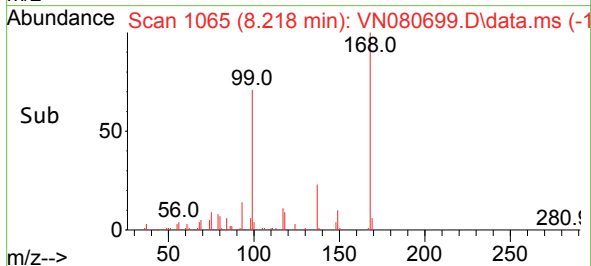
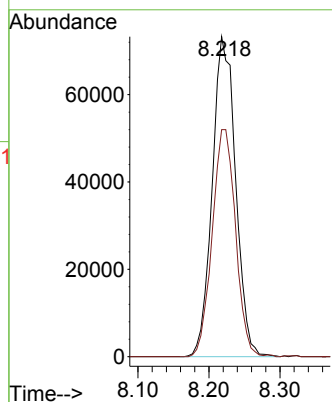
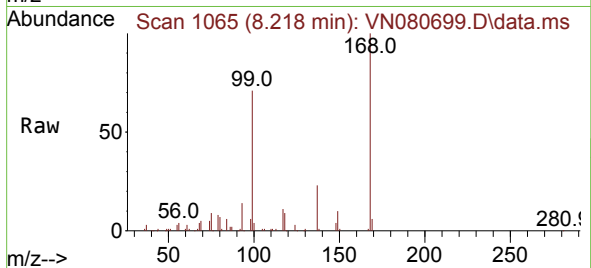
ClientSampleId :

Tgt Ion:168 Resp: 167118

Ion Ratio Lower Upper

168 100

99 71.0 53.0 79.6



#3

Chloromethane

Concen: 0.225 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080699.D

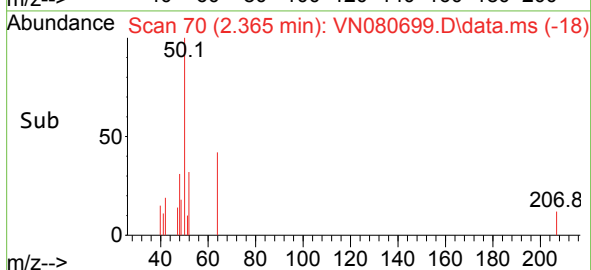
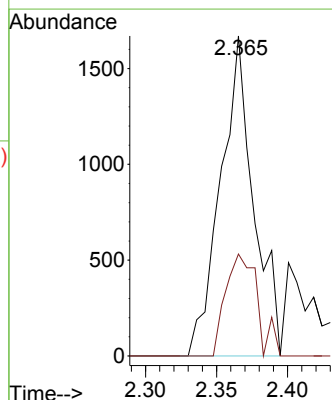
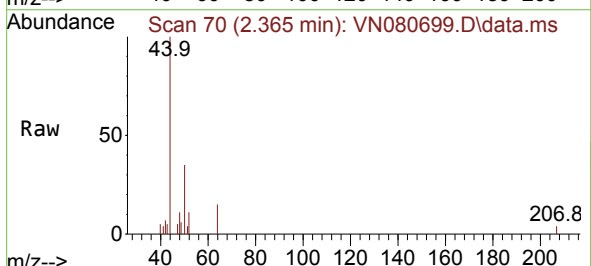
Acq: 12 Jan 2024 18:54

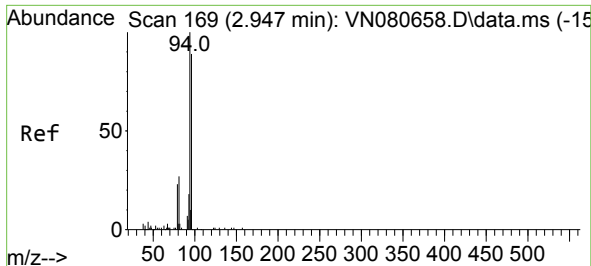
Tgt Ion: 50 Resp: 2704

Ion Ratio Lower Upper

50 100

52 31.9 26.5 39.7

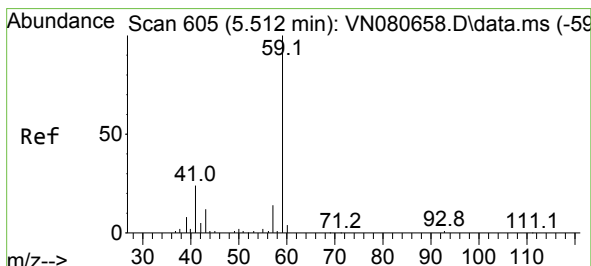
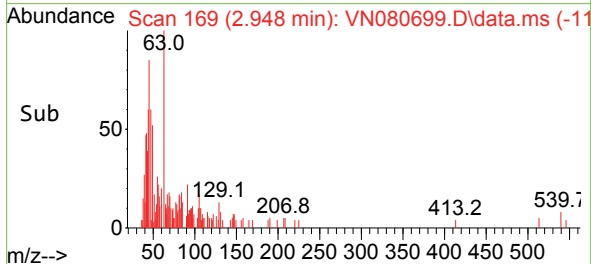
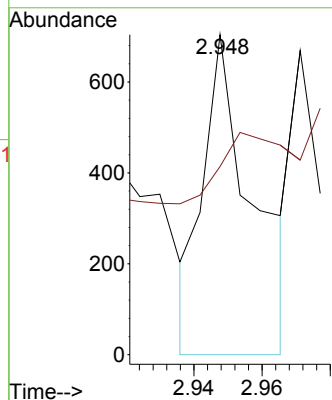
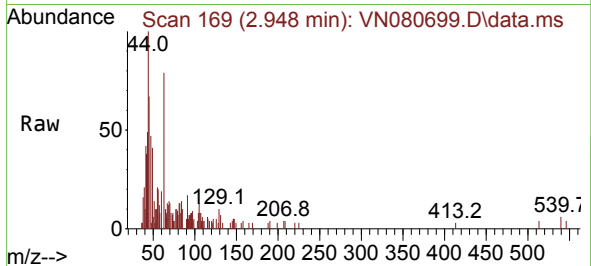




#5
Bromomethane
Concen: 0.751 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

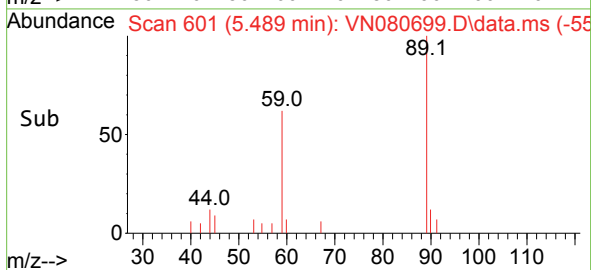
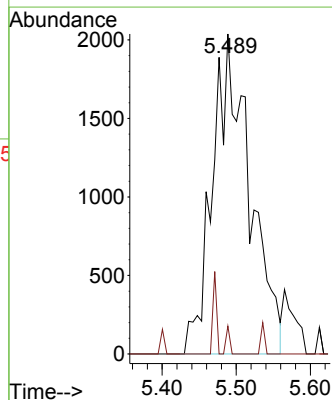
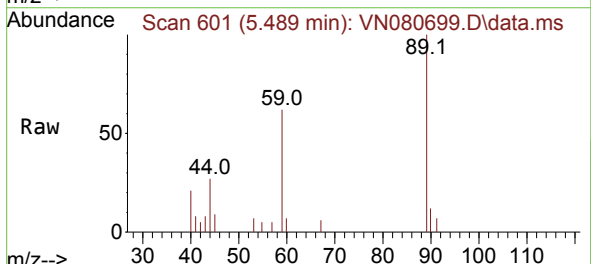
Instrument :
MSVOA_N
ClientSampleId :

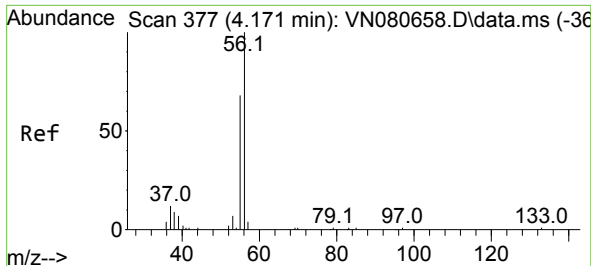
Tgt Ion: 94 Resp: 703
Ion Ratio Lower Upper
94 100
96 16.4 73.1 109.7#



#11
Tert butyl alcohol
Concen: 14.343 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.023 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Tgt Ion: 59 Resp: 7119
Ion Ratio Lower Upper
59 100
57 0.9 8.2 12.4#

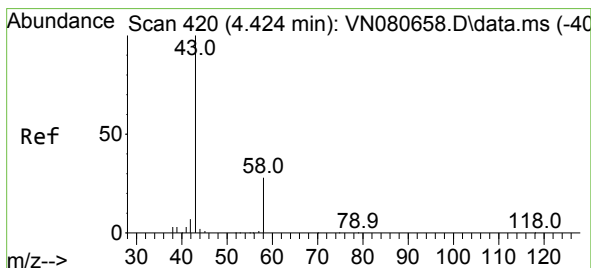
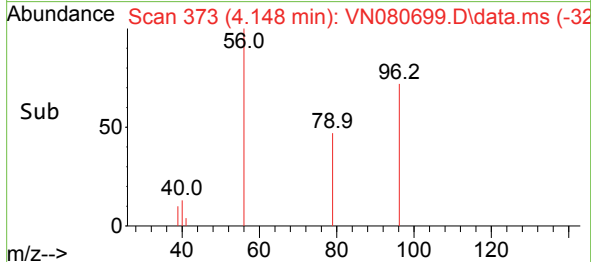
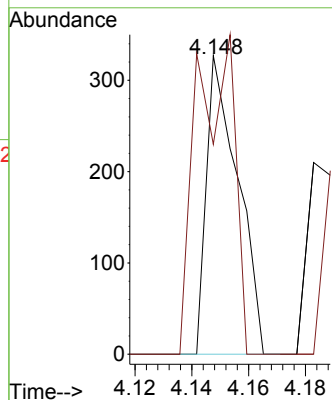
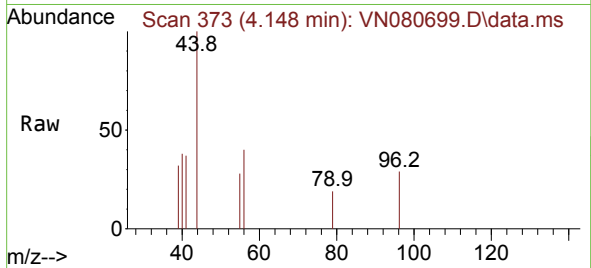




#13
Acrolein
Concen: 0.603 ug/l
RT: 4.148 min Scan# 31
Delta R.T. -0.023 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

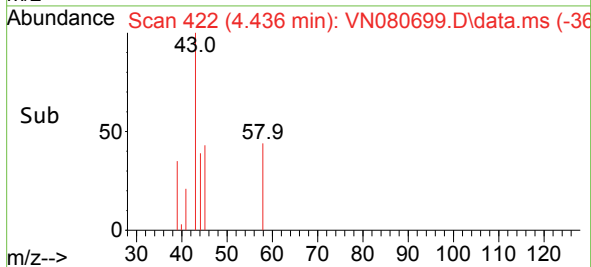
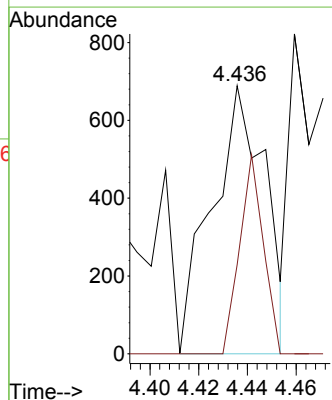
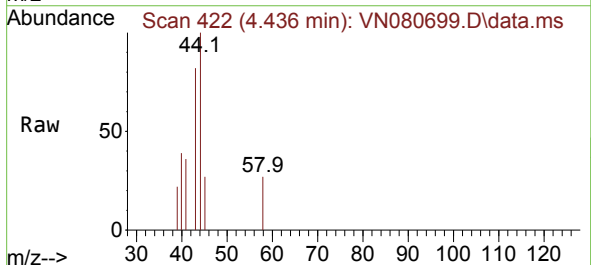
Instrument :
MSVOA_N
ClientSampleId :

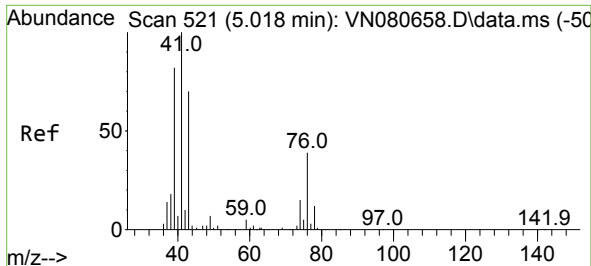
Tgt Ion: 56 Resp: 250
Ion Ratio Lower Upper
56 100
55 128.4 54.5 81.7#



#16
Acetone
Concen: 1.090 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

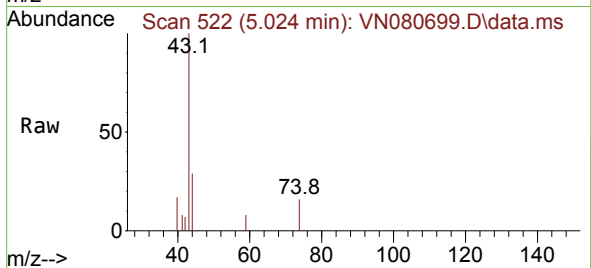
Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 45.4 28.0 42.0#



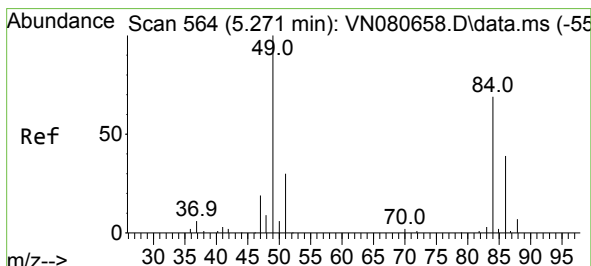
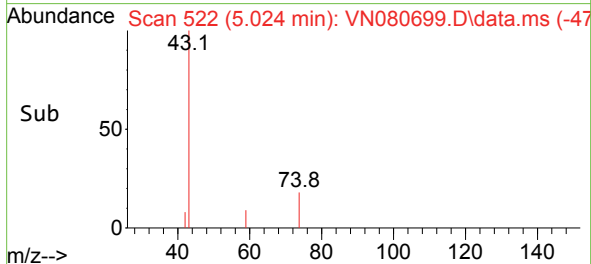
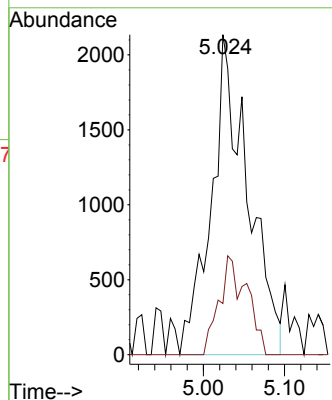


#18
Methyl Acetate
Concen: 2.313 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :

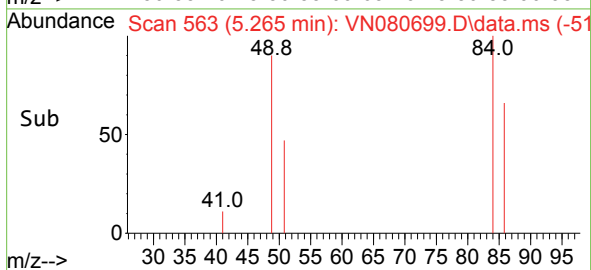
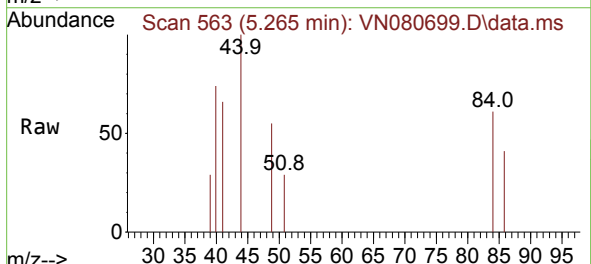
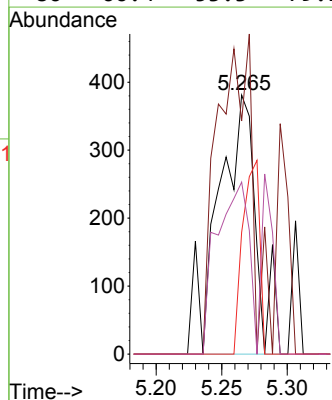


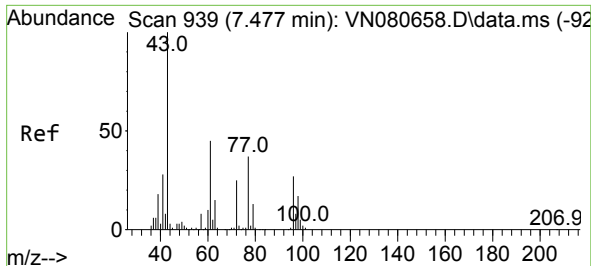
Tgt Ion: 43 Resp: 6637
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#



#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

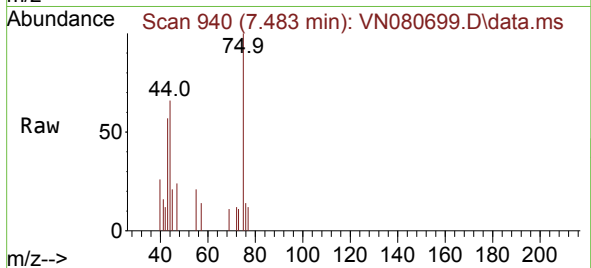
Tgt Ion: 84 Resp: 770
Ion Ratio Lower Upper
84 100
49 90.0 79.7 119.5
51 47.0 25.2 37.8#
86 66.4 53.3 79.9



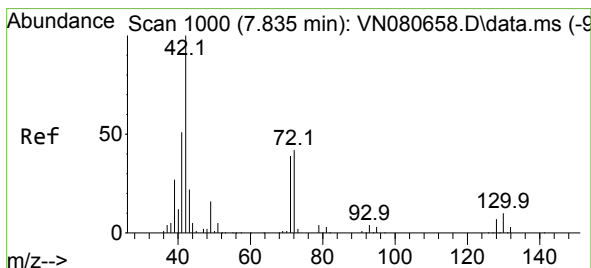
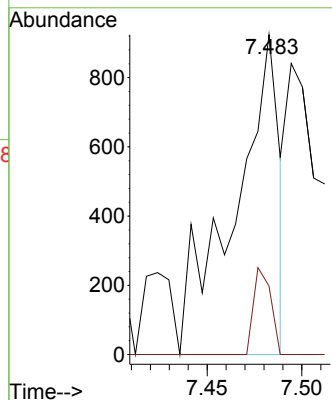
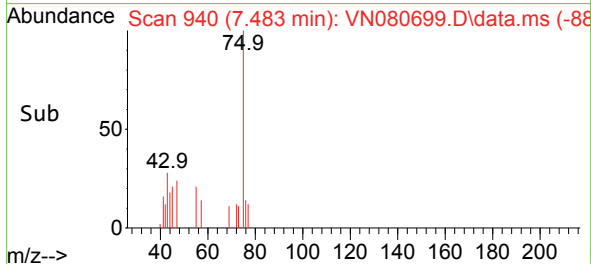


#25
2-Butanone
Concen: 0.875 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

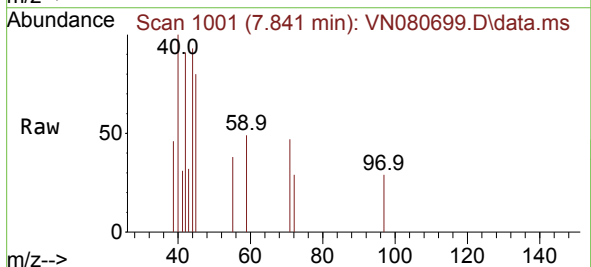
Instrument :
MSVOA_N
ClientSampleId :



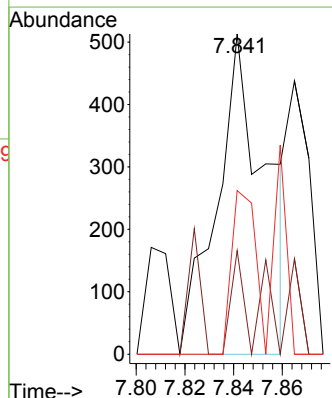
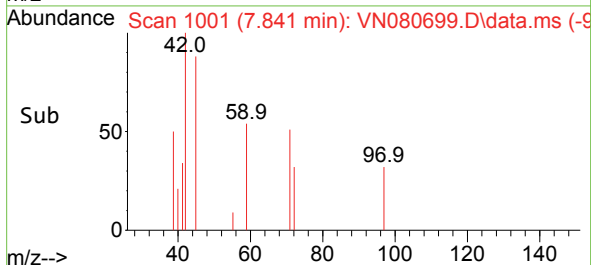
Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
72 21.4 30.2 45.2#

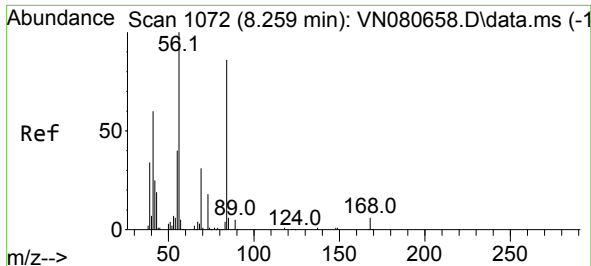


#29
Tetrahydrofuran
Concen: 0.603 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54



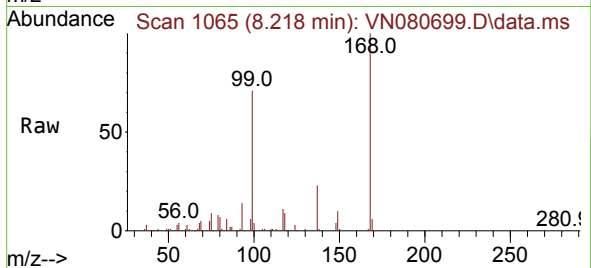
Tgt Ion: 42 Resp: 708
Ion Ratio Lower Upper
42 100
72 8.3 49.8 74.6#
71 25.1 47.4 71.2#



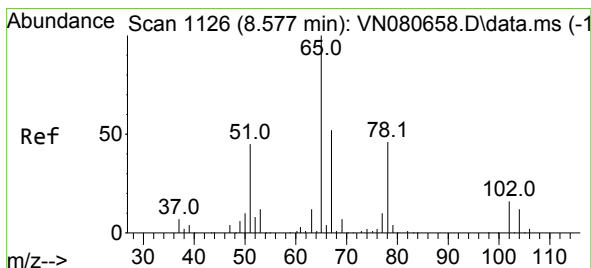
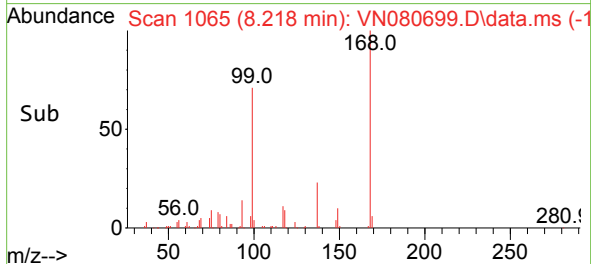
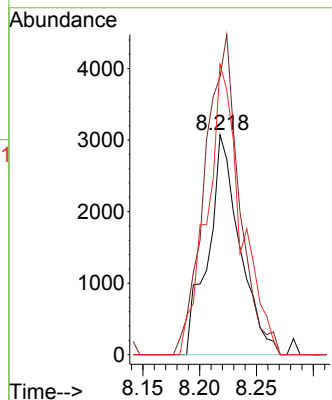


#31
Cyclohexane
Concen: 1.312 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :

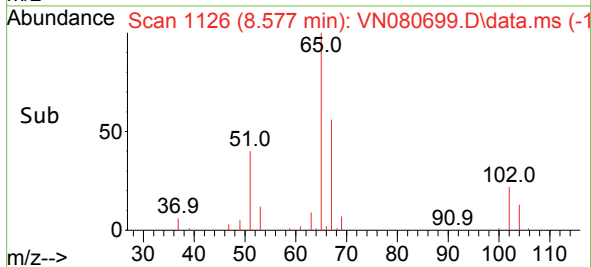
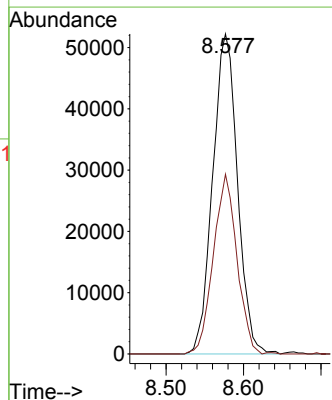
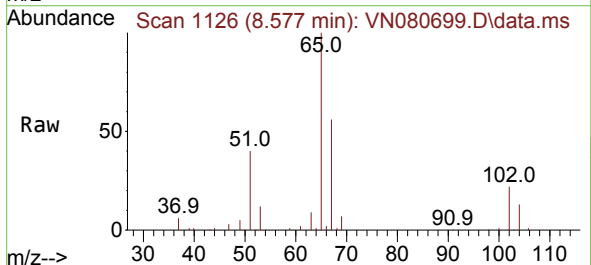


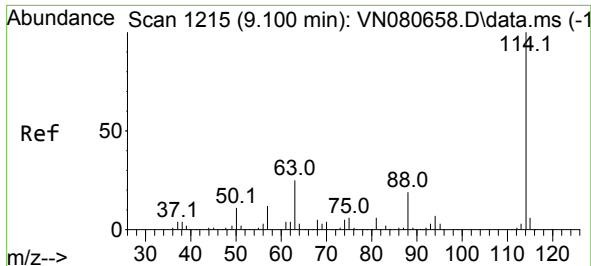
Tgt Ion: 56 Resp: 5948
Ion Ratio Lower Upper
56 100
69 126.3 26.8 40.2#
84 132.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 39.539 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Tgt Ion: 65 Resp: 116038
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080699.D

Acq: 12 Jan 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

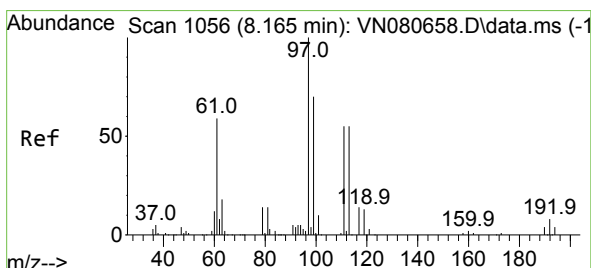
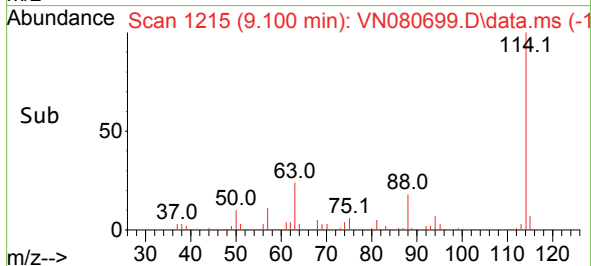
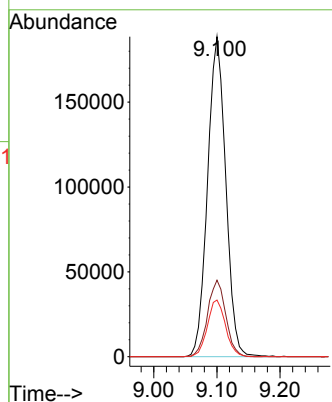
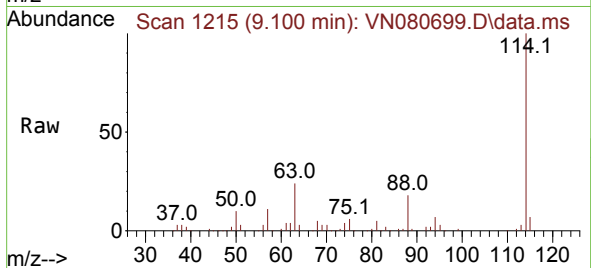
Tgt Ion:114 Resp: 376679

Ion Ratio Lower Upper

114 100

63 23.9 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.351 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080699.D

Acq: 12 Jan 2024 18:54

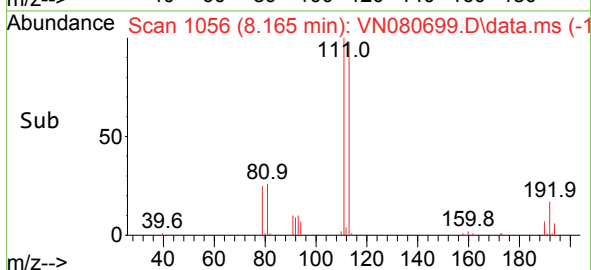
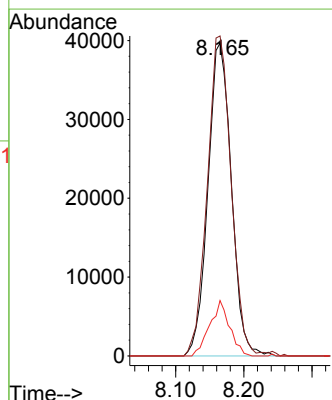
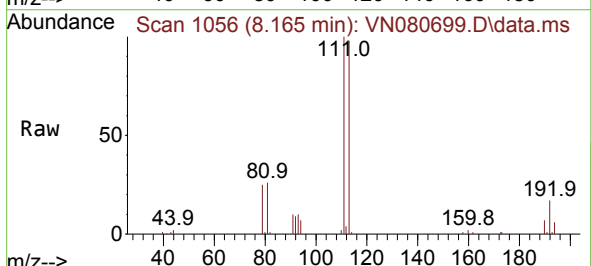
Tgt Ion:113 Resp: 94920

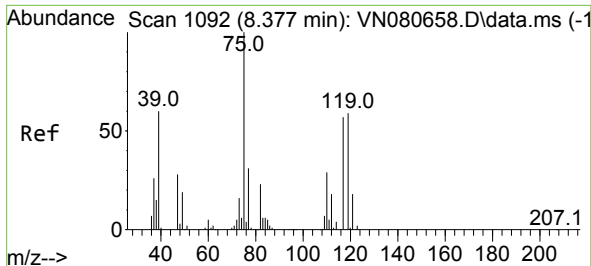
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

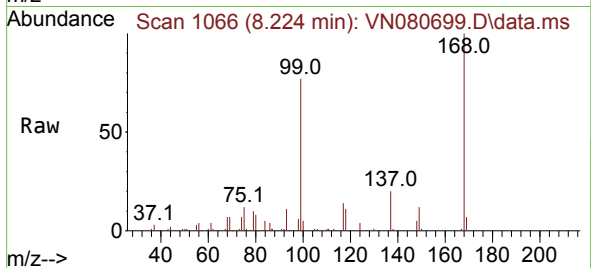
192 15.1 12.7 19.1



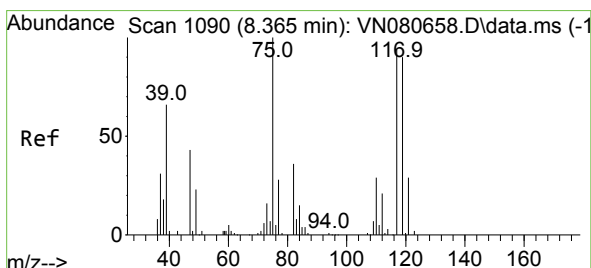
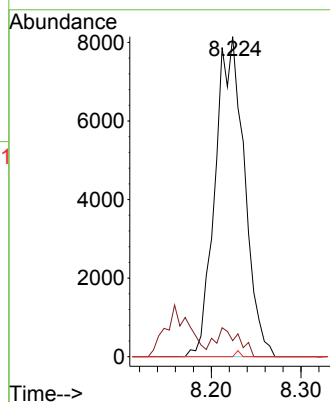
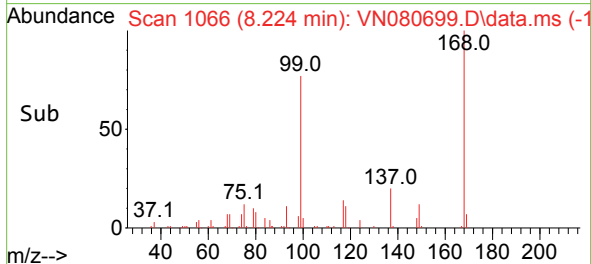


#36
1,1-Dichloropropene
Concen: 4.191 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :

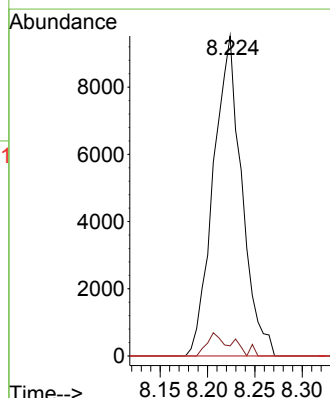
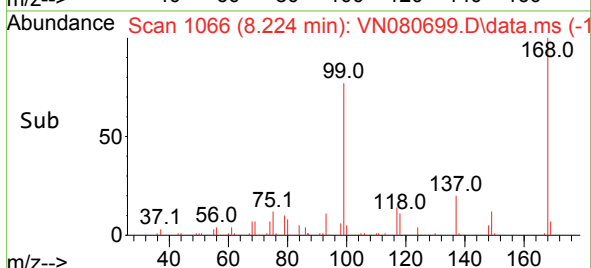
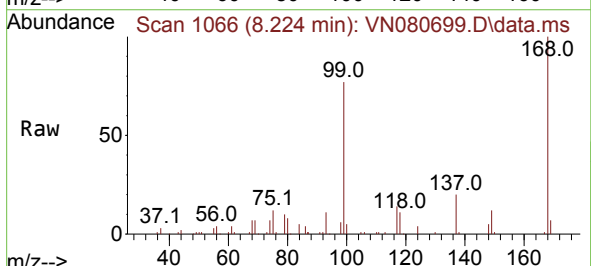


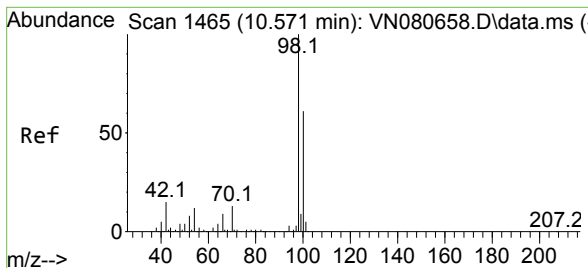
Tgt Ion: 75 Resp: 18375
Ion Ratio Lower Upper
75 100
110 7.3 19.1 57.3#
77 0.3 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.054 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Tgt Ion: 117 Resp: 19895
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 23.3 34.9#

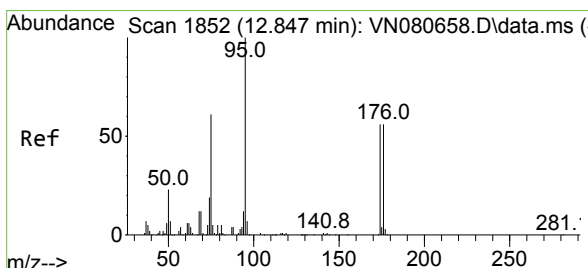
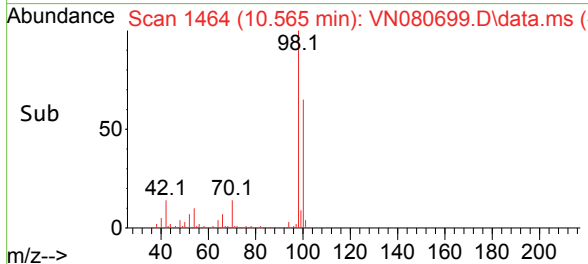
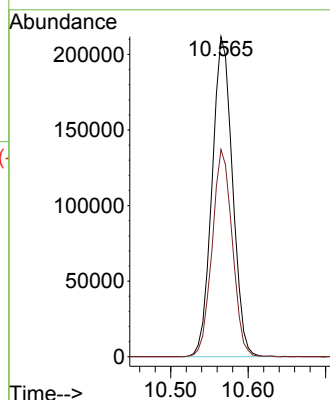
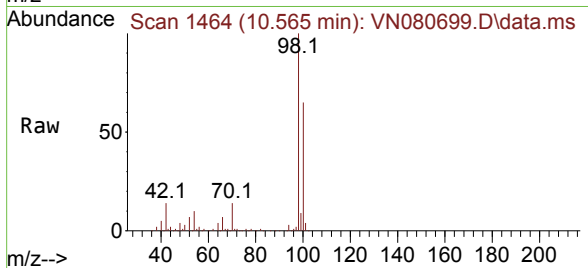




#50
Toluene-d8
Concen: 47.486 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

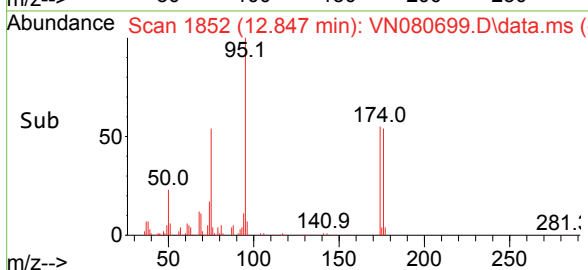
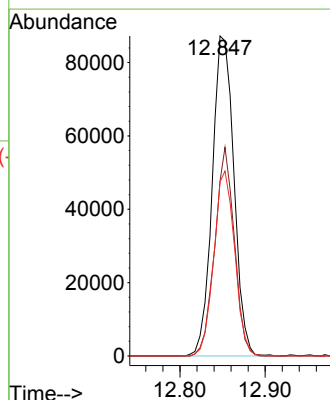
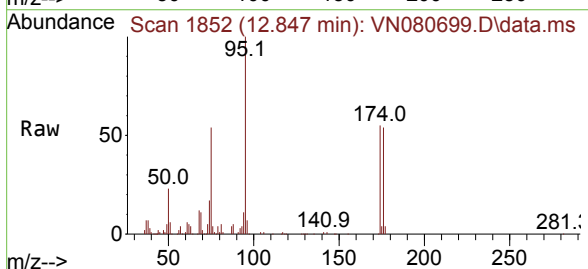
Instrument :
MSVOA_N
ClientSampleId :

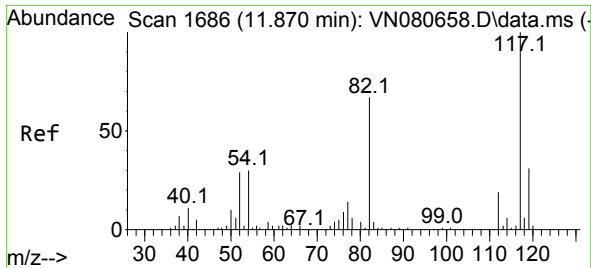
Tgt Ion: 98 Resp: 387518
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.253 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

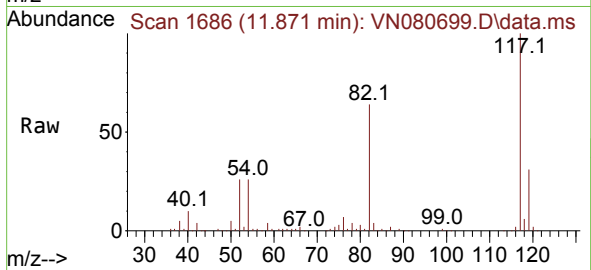
Tgt Ion: 95 Resp: 154135
Ion Ratio Lower Upper
95 100
174 58.8 0.0 143.8
176 55.6 0.0 135.8



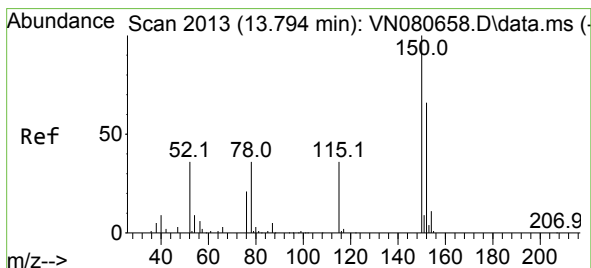
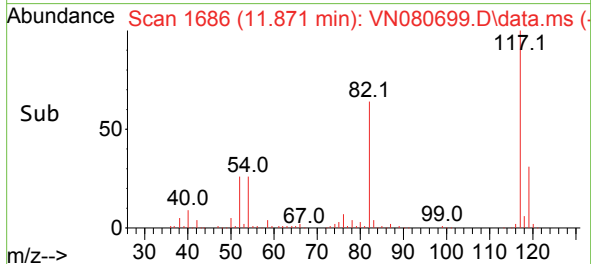
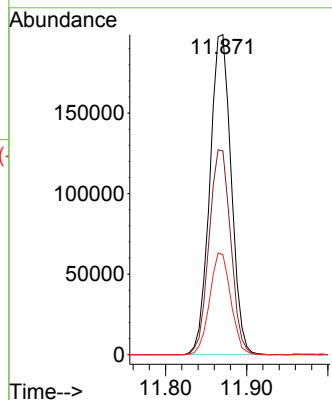


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :

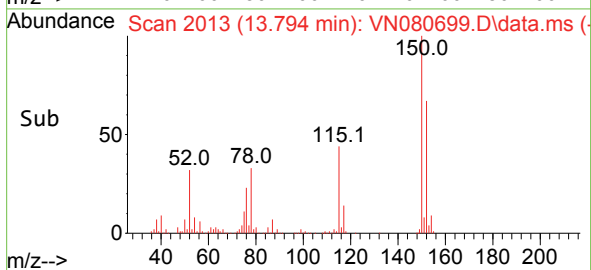
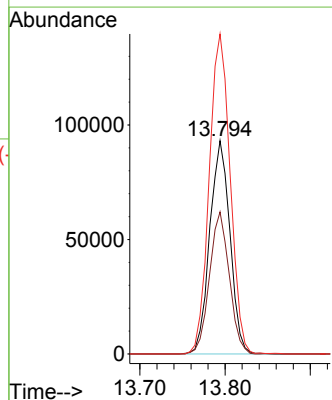
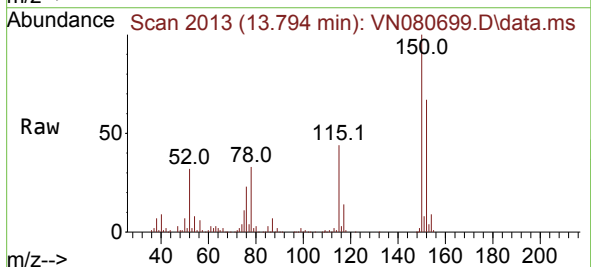


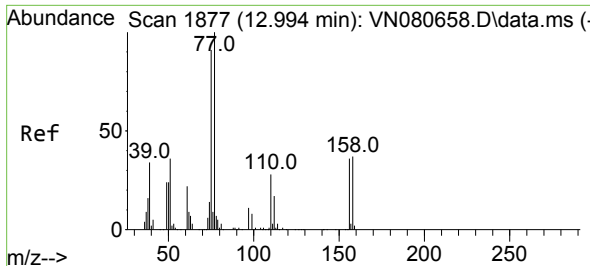
Tgt Ion:117 Resp: 364010
Ion Ratio Lower Upper
117 100
82 63.7 44.0 66.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Tgt Ion:152 Resp: 153617
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 155.6 0.0 355.8

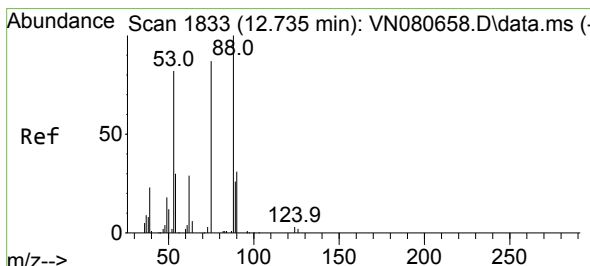
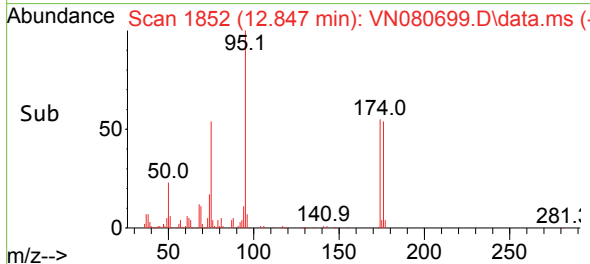
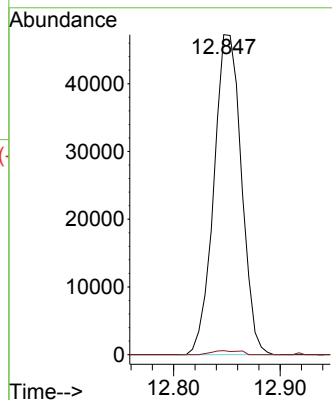
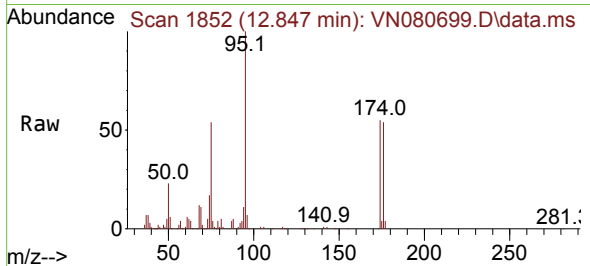




#76
1,2,3-Trichloropropane
Concen: 17.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 84833
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 42.219 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080699.D
Acq: 12 Jan 2024 18:54

Tgt Ion: 75 Resp: 84833
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

